SUPPORT TO PRODUCTION OF INTELLIGENCE

ACTION COMPONENT(S):

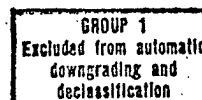OBGI, PSD/OL, OCS

USER COMPONENT(S):

OBGI, PSD/OL, OMS, OSI, FMSAC

OBJECTIVES:

The objective of this project is to support the physical production of intelligence data on hard copy media in a variety of formats. The computer is used to provide a flexible, efficient, and rapid means for producing such intelligence material. Three activities are described below in support of this objective: a) computer plotting in support of Agency cartographic work, b) computer support to book composition and high quality printing, and c) automatic transcription of stenographic material.

DESCRIPTION:

Computer Plotting of Cartographic Material - Significant capabilities have been developed for the production of cartographic material by computer using the computational ability of the computer to accommodate various projection and scale requirements, and the versatility of computer-driven flatbed plotting equipment. A world-wide data bank is now available containing digitized cartographic data which is used as input to computer programs to provide base maps in various scales and projections. The expansion of this data bank to input more precise digitized data for various areas of the world is now under way. A new hard copy plotting device has been acquired with improved precision and scribing capabilities. In addition, it is planned to provide OBGI with a capability to search a file for particular cartographic data via remote console, produce the desired image on a Cathode ray scope and modify the data before committing it to hard copy.

Computer Support to Book Composition and Editing - A computer supported system is now operational which provides for editing,
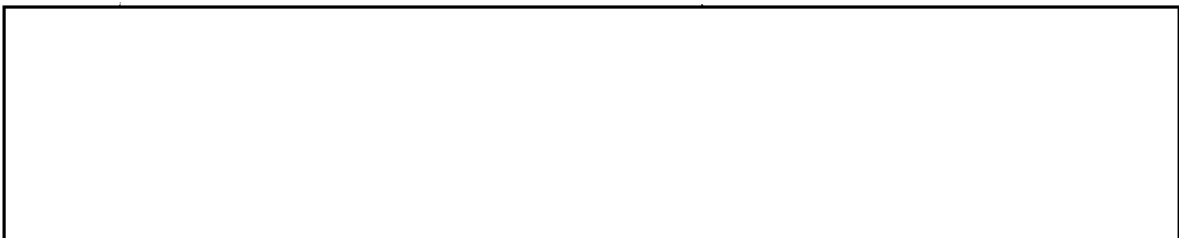
formatting, and justifying intelligence material in preparation for input to a high-speed photo-composing device. High quality print composition is provided in a variety of fonts. This system is now used in the production of the National Intelligence Survey. The Printing Services Division/Office of Logistics is planning systems involving ADP equipment and software support in three major application areas as follow-on to this initial capability: typesetting and page composition of material now being typeset manually, type-setting and page composition of output material generated as part of existing and proposed systems utilized by other Agency components, and typesetting and page composition of fast moving intelligence reports not now set in type because of manpower restrictions and the limitations of traditional typesetting methods.

Automatic Transcription of Stenotype Material - A generalized computer system has been developed which automatically transcribes text recorded in stenotype notation to English, fully formatted. This system is now operational and has been used to a limited extent in transcribing the results of psychiatric interviews and debriefing of persons of intelligence interest. The advantages of this system include costs which are competitive with manual transcription, fast response, and a machine language product which can be used for other purposes.

CHRONOLOGY:

    Initiated: Various
    Operational: Various
    Operational Evaluation: Various

25X1